

WHAT IS CLAIMED IS:

1. A high conductivity connector comprising a hexagonal nut, an O ring, an outer post, a first inner sleeve, a second inner sleeve, a first washer, a second washer, a connecting sleeve, a joint, and a guide pin;
5 characterized in that:

the first inner sleeve is a hollow tube, one end of the first inner sleeve has a stopper and another end thereof is a trumpet opening; a first washer and a second washer are installed in the outer post; the first washer is spaced to a second washer;

10 in assembly, the first inner sleeve is inserted into the second inner sleeve; and then second inner sleeve is embedded into the hexagonal nut; next, the hexagonal nut is engaged with the outer post at one side of the outer post; the O ring is placed in an annular notch of the hexagonal nut so that hexagonal nut is tightly engaged to the outer post; then the first
15 washer, the guide pin, the second washer and the joint are installed into the outer post, wherein the guide pin resists against the second washer and a tip of the guide pin passes through the through hole of the second washer; and the first washer is placed near the hexagonal nut; then, the connecting sleeve is installed at another end of the outer post so as to form the
20 connector.

2. The high conductivity connector as claimed in claim 1, wherein a through hole is formed in a center of the first washer; a via hole is formed in a center of the second washer and one side of the second washer is formed with an embedding portion for embedding with a guide pin; the
25 guide pin resists against the embedding portion of the second washer and a

tip of the guide pin passes through the through hole of the second washer.

3. The high conductivity connector as claimed in claim 1, wherein the first washer and second washer are made of Teflon.